

In the specification:

Please insert before the first line the sentence:

11/21/98
This is a continued prosecution application of Serial No. 08/770,647, filed December 19, 1996.

In the claims:

Please amend the claims as follows:

Claim 22, line 14, please replace "interior walls" with --at least one interior wall--.

Claim 24, lines 7-8, please delete "corresponding" and, after "low frequency components", insert --corresponding thereto--.

Please add the following claims 25-34:

2.25. An insert earphone comprising:

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a unitary housing having a hollow body portion, the hollow body portion having an end wall, at least one interior wall, ^{and} an open end disposed opposite the end wall, and a hollow elongated tubular portion extending from the end wall;

a receiver for transducing electrical energy received into sound energy, the receiver having a sound outlet port extending from an end thereof;

an insert formed of resilient material, the insert having a substantially central opening therein; and wherein, during assembly, the outlet port of the receiver is placed in the opening

of the insert and the receiver and insert are inserted as a unit into the open end of the hollow body portion until the outlet port engages and extends partially into the hollow elongated tubular portion such that a portion of the insert is compressed between the end of the receiver and the end wall, and other portions of the insert are compressed between the receiver and the at least one interior wall, thereby mounting the receiver within the hollow body portion and assisting to provide an acoustic seal between the hollow body portion and the elongated tubular portion while providing for transmission of sound energy from the sound outlet port through the hollow elongated tubular portion into the ear canal of a wearer.

26. A high-fidelity insert earphone comprising:

a unitary housing having a hollow body portion, the hollow body portion having an end wall, and a hollow elongated tubular portion extending from the end wall;

a receiver for transducing electrical energy received into sound energy, the receiver having a sound outlet port extending from an end thereof; and

an insert formed from a resilient material, the insert being disposed between the end of the receiver and the end wall such that the sound outlet port mates with but extends only partially into the hollow elongated tubular portion, thereby assisting to provide an acoustic seal between the hollow body portion and the elongated tubular portion of the housing.

4 ~~27~~ The high fidelity insert earphone of claim ~~26~~ wherein the insert mounts and inhibits movement of the receiver within the hollow body portion of the unitary housing.

5 ~~28~~ The high-fidelity insert earphone of claim ~~26~~ further comprising a damper supported within the hollow elongated tubular portion of the housing at a position opposite the

sound outlet port of the receiver, sound from the sound outlet port of the receiver being conducted to the damper by the hollow elongated tubular portion.

~~6~~₂₉ The high-fidelity insert earphone of claim ~~5~~₂₈ further comprising a resilient sealing member disposed over the hollow elongated tubular portion for sealing with an ear canal of a wearer.

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H ~~7~~₃₀ The high fidelity insert earphone of claim ~~6~~₂₉ wherein the earphone extends into and substantially acoustically seals the ear canal of a wearer.

~~8~~₃₁ The high fidelity insert earphone of claim ~~7~~₃₀ wherein the earphone emulates a human ear's natural diffuse field response to sound energy received.

H ~~9~~₃₂ The high fidelity ^{insert} ~~insert~~ earphone of claim ~~6~~₂₉ wherein the resilient sealing member has a plurality of outwardly projecting flange portions of generally conical form and of progressively increasing diameters.

~~10~~₃₃ The high fidelity insert earphone of claim ~~9~~₃₂ wherein the earphone extends into and substantially acoustically seals the ear canal of a wearer.

H ~~11~~₃₄ The high fidelity ^{insert} ~~insert~~ earphone of claim ~~10~~₃₃ wherein the earphone emulates a human ear's natural diffuse field response to sound energy received.

REMARKS

Claims 22-34 are now pending.